**Sql query :12-12-24**

**Q1. Suppose consider we have table name as employee with field id,name,salary,email,contact and we want to fetch name,email and contact using empview means you have to apply empview on employee table for fetch data**

mysql> create view myview as select name,email,contact from employee1;

Query OK, 0 rows affected (0.01 sec)

mysql> select \* from myview;

+--------+------------------+----------+

| name | email | contact |

+--------+------------------+----------+

| nikita | nikita@gmail.com | 35467846 |

| sneha | sneha@gmail.com | 23445678 |

| neha | neha@gmail.com | 4627657 |

+--------+------------------+----------+

3 rows in set (0.00 sec)

**2) Q2. Suppose consider we have two tables name as course with field id,name and student table with field id,name,email,contact,age,cid(foreign key) and you have to create view name as studentByCourse this view can display the course wise student count**

mysql> create or replace view StudentByCourse as select c.id,count(s.id) from student s inner join course1 c on c.id=s.id group by s.id;

Query OK, 0 rows affected (0.01 sec)

mysql> select \* from StudentByCourse;

+----+-------------+

| id | count(s.id) |

+----+-------------+

| 1 | 1 |

| 2 | 1 |

| 3 | 1 |

| 4 | 1 |

| 5 | 1 |

| 7 | 1 |

+----+-------------+

6 rows in set (0.00 sec)

**3)  Create view which show the similar age students**

mysql> select \* from student where age IN(select age from student group by age having count(age)>1);

+-----+--------+------------------+------+------+

| sid | name | email | age | id |

+-----+--------+------------------+------+------+

| 101 | nikita | nikita@gmail.com | 22 | 1 |

| 106 | snheha | shenha@gmail.com | 22 | 7 |

+-----+--------+------------------+------+------+

2 rows in set (0.00 sec)

**4)Create a view showing the students details whose name is same?**

mysql> select \* from student where age IN(select age from student group by age having count(age)>1);

+-----+--------+------------------+------+------+

| sid | name | email | age | id |

+-----+--------+------------------+------+------+

| 101 | nikita | nikita@gmail.com | 22 | 1 |

| 106 | snheha | shenha@gmail.com | 22 | 7 |

+-----+--------+------------------+------+------+

2 rows in set (0.00 sec)

**5)Create procedure and store employee data in table using procedure?**

mysql> create procedure InsertEmp(id int(3),name varchar(255),salary decimal(10,2),des varchar(255))

-> begin

-> insert into employee values(id,name,salary,des);

-> end //

Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> call InsertEmp (4,'nikitaa',40000,'junior manager')//

Query OK, 1 row affected (0.00 sec)

mysql> select \* from employee//

+----+---------+----------+----------------+

| id | name | salary | des |

+----+---------+----------+----------------+

| 1 | nikita | 50000.00 | manager |

| 2 | neha | 60000.00 | HR |

| 3 | sandesh | 70000.00 | manager head |

| 4 | nikitaa | 40000.00 | junior manager |

+----+---------+----------+----------------+

4 rows in set (0.00 sec)

//note

mysql> create procedure ById(IN e\_id int(10),OUT edes varchar(255))

-> begin

-> select des INTO edes from employee where id=e\_id;

-> end//

Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> select @employeedes//

+----------------------------+

| @employeedes |

+----------------------------+

| NULL |

+----------------------------+

1 row in set (0.00 sec)

mysql>

**6) Create procure to pass employee id to procedure and get name and salary of employee by using its id.**

mysql> create procedure GetEmployeeNameById(IN emp\_id int(4),OUT ename varchar(200))

-> begin

-> select name INTO ename from employee where id=emp\_id;

-> end//

Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> select @employeename//

+---------------+

| @employeename |

+---------------+

| nikita |

+---------------+

1 row in set (0.00 sec)